## DECLARATION

## STATEMENT UNDER O.Ph.D. 8/ (iii) OF THE M. S. UNIVERSITY OF BARODA, VADODARA

The work presented in this thesis has been carried out by me under the guidance of **Prof. G. Archana, Department of Microbiology and Biotechnology Centre**, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.

The data reported herein is original and has been derived from studies undertaken by me.

Place: Vadodara Date: Jitendrapuri Gosai

This is to certify that the above declaration is true.

Place: Vadodara Date: Prof. G. Archana Research Guide